

# **Anti-Human OPG Antibody**

Catalog # ABG10451

# **Specification**

# **Anti-Human OPG Antibody - Product Information**

Application WB, IHC, E
Reactivity Human
Host Rabbit
Clonality Polyclonal

## **Anti-Human OPG Antibody - Additional Information**

#### **Preparation**

Produced from sera of rabbits pre-immunized with highly pure (>98%) recombinant hOPG (human Osteoprotegerin). Anti-Human OPG specific antibody was purified by affinity chromatography employing immobilized hOPG matrix.

#### WesternBlot

To detect hOPG by Western Blot analysis this antibody can be used at a concentration of 0.1 - 0.2  $\mu g/ml$ . Used in conjunction with compatible secondary reagents the detection limit for recombinant hOPG is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.

### Sandwich

To detect hOPG by sandwich ELISA (using 100  $\mu$ l/well antibody solution) a concentration of 0.5 - 2.0  $\mu$ g/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with BioGems' Biotinylated Anti-Human OPG (60-257BT) as a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant hOPG.

## **Immunohistochemistry**

To detect Human OPG by sandwich ELISA (using  $100\mu$ I/well antibody solution) a concentration of 0.5 - 2.0  $\mu$ g/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with PeproTech's Biotinylated Anti-Human OPG (500-P149Bt) as a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant Human OPG.

#### **Formulation**

A sterile filtered antibody solution was lyophilized from PBS, pH 7.2.

#### Reconstitution

Centrifuge vial prior to opening. Reconstitute in sterile water to a concentration of 0.1-1.0 mg/ml.

#### Storage

-20°C

#### **Precautions**

Anti-Human OPG Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

## **Anti-Human OPG Antibody - Protocols**







Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

**Anti-Human OPG Antibody - Images**